Getting Started With ArcIMS Surface Water Assessments 2004

This page was last updated 5/18/2005

Introduction

This interactive web application provides access to surface water quality assessments for 2004 and is to be used in conjunction with the Help page located on the **toolbar**. It would also be a good idea to familiarize yourself with the buttons and tools on the left frame before proceeding.

The Surface Water Interactive GIS Web Application is a collection of GIS layers and WEB enabled tools that allows users to select watersheds and view the results of DEQ's effort to monitor and assess stream water quality in Idaho. The data in this application is used to report to the EPA and others in compliance with reports, 305(b) & 303(d) of the federal Clean Water Act.

The purpose of the Section 305(b) report is to present to the U.S. Congress and the public the current conditions of the state's waters. Section 305(b) of the federal Clean Water Act requires each state to prepare a water quality assessment report every two years. The EPA compiles the information from the state reports and prepares a summary for Congress on the status of the nation's waters. The 2002 Idaho 305(b) report has been prepared in accordance with EPA guidelines for preparation of 305(b) reports.

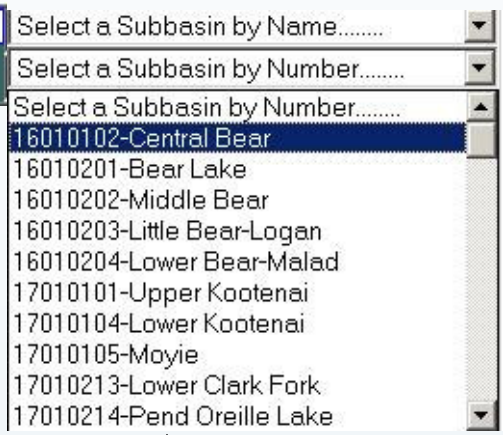
This Site is currently supported on **Internet Explorer 5.5** and higher & **FireFox 1.0** (**Netscape** and other browsers are not supported at this time). It is best viewed on screens with resolutions of **1024x768** or above.

If the Application Becomes Unresponsive Click your Ctrl & F5 Buttons to Reset

Navigating ArcIMS

Top Frame

Subbasin Selector



Select a Subbasin using the Menu on the top right, a selection can be made by 4th Field HUC Name or HUC Number. The application will zoom to selected HUC and produce a table listing the Assessment Units, Streams, and Support Status in the bottom frame.

Sort by Assessment Unit or Stream

Click On an Assessment Unit to Zoom in, or CLICK STATUS for Support INFO. There Are:30 Records For **Central Bear**

ASSESSMNT UNIT	STREAMS	STATUS 2004	Public Comments	Miles
ID16010102BR001_02	NHD Unnamed Streams	Not Supporting	Comment Period Expired	43.52
ID16010102BR001_02	Dry Creek	Not Supporting	Comment Period Expired	1.49
ID16010102BR001_02	Taylor Creek	Not Supporting	Comment Period Expired	4.27
ID16010102BR001_05	NHD Unnamed Streams	Not Supporting	Comment Period Expired	1.76
ID16010102BR001_05	Bear River	Not Supporting	Comment Period Expired	29.11

Click on an Assessment Unit Hyperlink to ZOOM into the Streams

Click the Status Hyperlink to View the Support Status Report

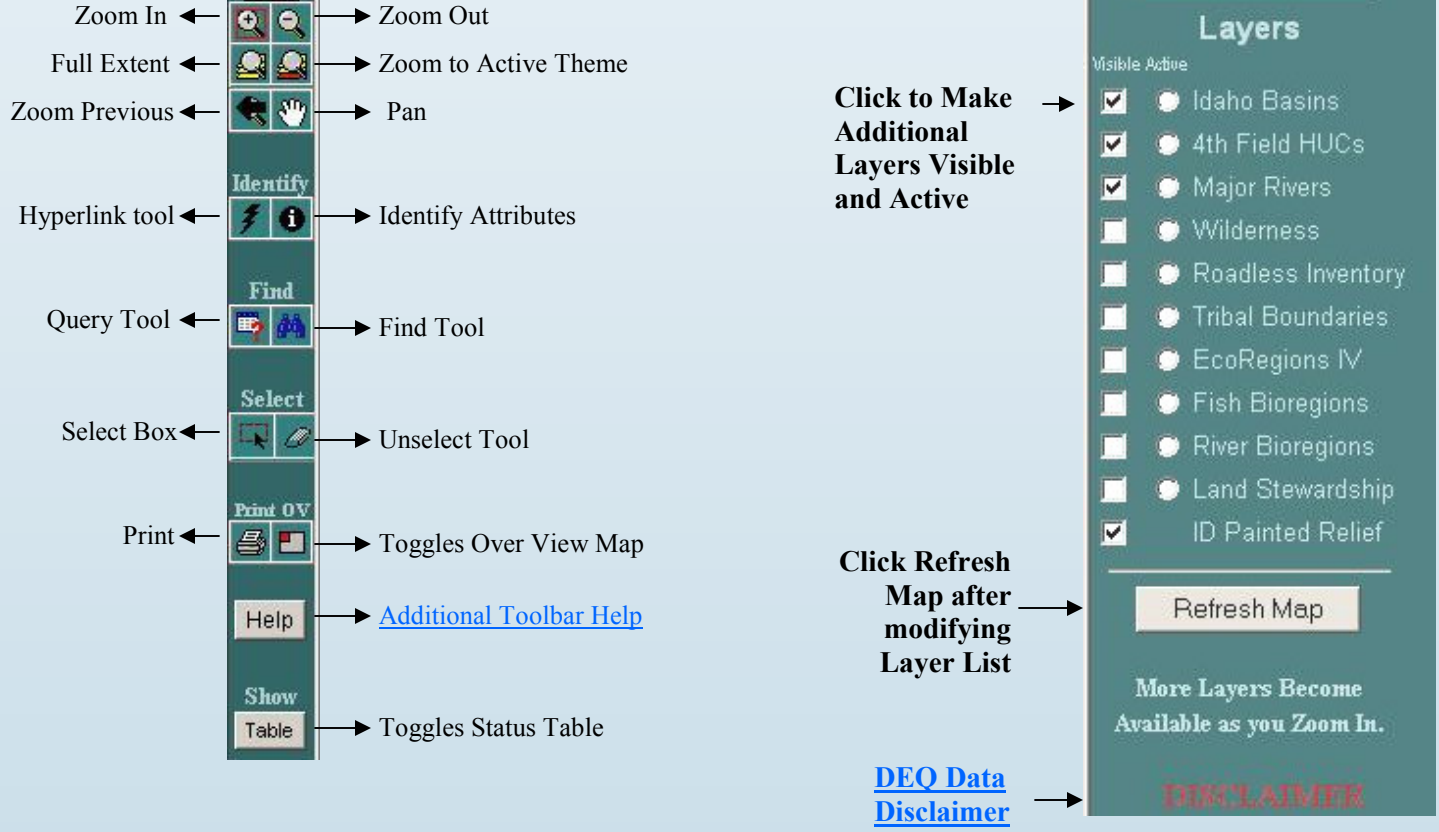
Provide DEQ with Comments & Upload Data (When Active)

The Tool Bar

Zoom In ← → Zoom Out

Legend | Layers List

Toggles Legend & Layer List →



Tool Bar Operations are Performed on the Selected Visible Active Layer

Tool Bar Details

Please note that using the browser's Refresh button reloads the ArcIMS Web page, causing you to lose any changes to your map such as zooms to the extent or new symbols to a layer.

Zoom In: Select this tool and draw a box around your area of interest to zoom most quickly. For slower zooming simply select the tool and click on the map.

Zoom Out: Draw a box with this tool to control zoom distance. A tiny box will zoom out a great distance. A large box will zoom out a small distance. For slower zooming simply select the tool and click on the map.

Zoom to Full Extent: Zooms to the full view of the map. This may or may not be the original view, resets the County drop down list and unselects any selected sites.

Zoom to Active Layer: Click a layer in the legend to make it active. Click the Zoom to Active Layer button to see the extent of the active layer.

Zoom to Last View: Zooms to the previous view. Use this instead of the 'Back' button on your browser

Hyperlink: Select and then click on a feature in the active layer to get extended information about the feature. For example, Activate Id305B streams and click the hyperlink tool, then a stream segment, to View the Assessment Status Report.

Identify: The Identify tool allows you to get attribute information about a feature by clicking on it. Select and then click on a feature to get basic information. The information returned will be from the active layer. Results from the Identify tool appears in the lower panel of the HTML Viewer.

1. Click a layer in the legend to make it active.
2. Click the Identify button.
3 Click a feature on the map.
4. The results of the Identify are shown in the Identify Results dialog box.
5. If more than one feature is found, the features are listed in the Features panel.
6 Click each feature to see its Identify results.

Query: This tool opens a dialog box at the bottom of the map where you can type in a query or use the query builder interface. The Query Builder queries features based on their attribute values. Numeric or text are acceptable search strings. You must use single quotes around values that are text strings.

1. Click a layer in the legend to make it active.
2 Click the Query Builder button.
3 Click a field to query.
4 Click an operator to be used in the expression.
5. Click a sample value or type a value for the expression.
6. Verify that the query expression is correct.
7. Click Execute.

Find: Click the button and type in a search string to get a list of all the features in the active layer that match. Use the asterisk as a wildcard. Results from the Find tool appears in the lower panel of the HTML Viewer.

1. Click the Find button.
2. Type any part of a word you want to find.
3. Click the Active Radio Button to activate your find theme.
4. Click Find to execute the search.
5. Click one or many results in the bottom panel to select them.
6. Click Pan To pan the view to the selected feature.
7. Click Zoom To zoom the view to the selected feature.
8. Click Close when you are done finding features.

Select by Rectangle: Select an object by clicking once or drawing a rectangle within it. All objects in the active layer that are touched by the rectangle will be selected.

Clear Selection: Clears selected features and returns a fresh map.

Pan: Drag the map to move to adjacent areas.

Bottom Tool Bar

Displays Active Tool

Zooms to Selected Scale

Download GIS Data from Inside Idaho

GIS Layer Information
Approximate Visible Scale Ranges

Map Units Meters, Idaho Transverse Mercator NAD83

Click on layer name for Metadata or More Information

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Cartographic Layers

Cities/Towns - *Point locations of Idaho Cities and Towns (Scale Range = 1:5,000 -1 250,000)*
Major Rivers - *Selected Major Rivers of Idaho, Initial View (Scale Range > 1:500,000)*
Major Lakes - *Selected Lakes -Initial View (Scale Range > 1:500,000)*
Tribal Boundaries - *Idaho Tribal Boundaries*
Lakes - *1:100,000 Scale Lakes of Idaho (Scale Range = 1:5,000 - 1:500,000)*
250K Streams - *Idaho 1:250,000 Mapped Streams (Scale Range > 1:300,000)*
Roads - *Idaho Roads and Streets, 1:100,000 GDT -2000 (Scale Range 15,000 - 90,000)*

Data Layers (Use the **Back** Button to Return to **HELP**)

Idaho Basins - *Hydrologic Planning Basins of Idaho (Scale Range > 1:500,000)*
4th Field HUCs - *1:250,000 Idaho Subbasins, (Hydrologic Unit Codes) USGS (Scale Range > 1:5,000)*
DEQ Stream Monitoring Locations ***(BURP)*** *(Scale Range = 1:5,000 - 1:300,000)*
DEQ 305(b) Streams- *1:100,000 - USGS National Hydrography Dataset (Scale Range 1:15,000 - 1:300,000)*
Wilderness - *Idaho Designated Wilderness, National Forest Service*
Roadless Inventory - *Idaho Roadless Areas, National Forest Service*
Idaho Ecoregions Levels III & IV - *Environmental Protection Agency*
Land Stewardship - *Land Management Status Data - USGS* - GAP Data
Spot 10 Meter Black & White Satellite Imagery - 1998-2001 *(Scale Range 1:30,000 - 1:95,000)*
Landsat 1997-1998 Color 30 Meter Imagery *(Scale Range 1:55,000 - 1:175,000)*
MRLC/NLCD-1992 30 Meters*(Landcover/Landuse 1:24,000 - 1:500,000)*

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